Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No. 1st & Final bill ✓ Date.....2017.

Division: **BBMP / YNK** Sub-Division: **Yelahanka Sub – Division.**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 002-17-000007.** ✓

Schedule Docket No. Head of Account: 3172 Est.Cost: **40.00** Lakhs B.R.No. :

Name of Work : Improvements to roads and drains at Kamakshamma layout eastern side cross roads in ward no-02 of yelahanka Sub Division.

Name of Contractor and Full Address: **M/s Technical Manager (west) KRIDL, BBMP, Bangalore.** ✓

Reference to Agreement No. EE/YNK.D/ **W.O/ 158 /2017-18.** Date: 31-03-2017.

Certified that the measurements were taken by me on 13-11-17 and recorded of Pages 466819 to 839 of measurement Book No. 4669 and that the work is satisfactorily executed.

Officer-in-charge of work

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Certified that the measurement were taken by me on 4/11/17 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

Amount	
Gross Amt =Rs	3994023=00
FSD =Rs	199701=00
CGST =Rs	39940=00
SGST =Rs	39940=00
IT =Rs	79880=00
LC =Rs	39940=00
CBE =Rs	2994=00
	940=00
Royalty =Rs	41150=00
T.D. =Rs	44485
Net Amt=Rs	3549538

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

3994023=00

Witness
1.
2.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....

3549538=00
44485=00

Executive Engineer

sl no	Description of work
1	**Removing B.S. slab** of Drain and stacking.(P No.25 / I N 5.32)
2	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after brea complete as per specifications, MORTH Chapter 3
3	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from ed excavation with lead upto 50m, after breaking of clods com
4	KSRRB M200-24:- dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 Cum in stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials se complete as per specifications. MORTH specifications. No. 202,
5	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled an dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications. specification
6	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1
7	KSRB 5-11 : Providing and constructing load bearing wall with cement concrete cavities blocks (hollow blocks) of proportion 1:1.5:3 blocks of size 40x20x2 strength not less than 3.5 Newton per sqmm with cement mortar 1:4 conforming to I.S.2185 of 1967 having not less than 40mm.shell thickness with two or cavities and having solid material between including cost of materials, labour charges, scaffoldings, curing complete as per specifications. KBS No.5.4 (P.2
8	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to dep nicely lining, including cost of materials, labour, curing complete as per specifications.
9	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs with 20mm and down size graded granite m aggregate @ 0.84cum and fine aggregate @ 0.56 cum machine mixed concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, pl cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1.4.2.
10	**Refixing stone slabs** of drains and pointing in C.M.(1:3)(P.No.25/I.No.5.33)
11	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundatio including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No.KBS 4.1, 4.2 (P.12/I.4.3)
12	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -do- TMT Bars Fe 500 P.17/
13	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at an including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.21
14	Providing & laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs , with 20mm and down size gra metal,coarseaggregated @ 0.69cum ,and fine aggregated @ 0.460cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed -2008 mac concrete laid in layers not exceeding 15 crns thick, vibrated for all works in foundation for footings,pedestals,retaining walls, return walls, walls (any thickne attached plasters, columns, piers, abutments, pillars, posts,struts, buttresses, bed blocks, anchor blocks, plinths etc.,including cost of all materials, labo machinery, curing, complete but excluding cost of reinforcement as per specifications.specifications No.KBS 4.1.4.6 (P.No.13/ I.No.4.11)
15	Providing and fixing **RCC precast Slabs of 0.10 m thick of CC 1:2:4 with 20 mm** and down size graded granite metal , machin including cost of all material , labour , HOM of Machinery , curing complete
16	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete **(RMC)** M20 for R.C.C wo 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lea etc.,complete (exclusive of cost of steel and fabrication charges.) Page No.18 / Item No. 4.48)
17	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specificat including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in s base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specif No. 406 (P.No.158 I.No.20.18)
18	KSRB 14.6-2 : Providing and laying heavy duty cobble stones 60 mm thick interlock pavers, using cement and course sand for manufacture of blocks of appr shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrat tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, includi materials, labour and HOM of machineries complete as per specifications. (P.No. 101 / Item No. 14.6)
19	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift (P.177/ I.22.7)
20	Providing Groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine generator and HOM of machinery includ blade, coolant etc., including cleaning aof groove & providing sand and hot bitumen fillars and filler metal etc.,including cost of conveyance of all materials, and lift charges and all the other incidental charges as per drawing and as per specifications. MORTH specification. (P.178/ I.22.8)
21	5.29(b)Providing and fixing pre cast solid cement concrete kerb stones made out of No.272.21 C.C 1:2:4 with top and bottom width 114 and 165mm repective high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire machinery, loading unloading, lead and lift, transportation etc, complete (P.No.25 /It.No.5.30)
22	KSRB 15-19.2 :Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the su throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications.
23	KSRB 800-1.Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfa materials, labour complete as per specifications. (Page No.182 & Item No.24.1)

Certificates:

1 The above work is done satisfactorily and complete in all respect.

2 There is no department Material issue for the above work.

...T CERTIFICATE

...2017.

Previous Measurment		Present Measurement			Total up-to date		Remarks
	cost	Qty	Rate	Cost	Qty	cost	
	–	261.90	65.72	17212.00	261.90	17212.00	
	–	118.00	86.92	10257.00	118.00	10257.00	
	–	282.42	200.34	56580.00	282.42	56580.00	
		119.59	827.86	99004.00	119.59	99004.00	
	–	216.11	166.42	35965.00	216.11	35965.00	
	–	736.12	100.00	73612.00	736.12	73612.00	
		8.80	974.14	8572.00	8.80	8572.00	
	–	8.80	102.82	905.00	8.80	905.00	
	–	0.88	5598.92	4927.00	0.88	4927.00	
	–	235.71	80.56	18989.00	235.71	18989.00	
	–	125.24	5159.02	646116.00	125.24	646116.00	
	–	4.9480	74915.50	370682.00	4.95	370682.00	
	–	652.26	310.58	202579.00	652.26	202579.00	
	–	82.47	6371.66	525471.00	82.47	525471.00	
	–	224.02	2100.00	470442.00	224.02	470442.00	
	–	69.50	6231.74	433106.00	69.50	433106.00	
	–	57.91	1768.08	102390.00	57.91	102390.00	
	–	386.05	966.72	373202.00	386.05	373202.00	
	–	595.25	95.40	56787.00	595.25	56787.00	
	–	64.50	121.90	7863.00	64.50	7863.00	
	–	430.00	331.78	142665.00	430.00	142665.00	
	–	77.60	27.56	2139.00	77.60	2139.00	
	–	77.60	63.60	4935.00	77.60	4935.00	
				3664241		3664241	
	9% KRIDL service charge			329782.00		329782.00	
	GRAND TOTAL			3994023.00		3994023.00	

...ve Engineer